

**SLIDERS BONDED BY A DEBONDABLE**  
**NONSTOICHIOMETRIC ENCAPSULANT**

**ABSTRACT**

A slider assembly is provided comprising a plurality of sliders bonded by a debondable solid encapsulant. The solid encapsulant is comprised of a polymer prepared by polymerizing a mixture of first and second monomers in a nonstoichiometric ratio effective to render the encapsulant debondable. Each slider has a surface that is free from the encapsulant. The encapsulant-free surfaces are coplanar to each other. Also provided are methods for forming the assembly and methods for patterning a slider surface using the encapsulant.

F:\Document\4800\0005\App.doc